Task Force Recommendations

By Right Composting

By Right RR,RC,R-ED,R-20,R12 & Agr. Pres.

- Area in support of Composting: < 2 acres, (not to exceed a total of 10% of parcel area).
- Feedstock: Any material generated on-site, including animal mortality, (unless considered hazardous by MDE). Regardless of source, MDE Type 1 materials, animal manure or bedding, poultry and seafood residuals.
- Product usage: On-site, unless exempted by DPZ.
- Hours of operation: None listed for RR & RC, but for R-ED, R-20 & R-12 6:00 AM- 9:00PM

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- Site design standards: Setbacks 30’ to property lines, 50’ to dwelling other than landowner, 50’ to public street ROW, 100’ to domestic well, 100’ to stream or other body of water; except water impoundments used for the composting process.
- Site design standards: Sediment and water protection design by HSCD, as delegated by MDE.
- Site design standards: Compost facility design as per NRCS standard # 317
- Site design standards: Animal mortality composting per NRCS standard #316

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- Site design standards: Nutrient Management plan per MDA , (if required).
- Site design standards: Remainder of land not used in the operation is to be actively farmed or agriculturally managed per current Conservation Plan.

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- On farm calculations: Topdress of 18 acres @ 100 tons per acre = 1800 tons.
- Each ton is 2 cubic yards, (cyds), +/-. Each cubic yard once composted into useable compost shrinks by 50%. So to produce the same 3600 Cubic yards of finished compost we need 3600 tons of materials. We topdress only ¼ rate on our farm per year @+/- 3/4”
- We dig 1500 trees in the Winter/Spring, @ .75 cyds. of compost to backfill* = 1125 cyds.
- *Demonstration

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- We dig 900 trees in the Fall, @ .75 cyds of compost to backfill = 675 cyds.
- Our container operation requires 150 cyds. Of compost for our custom soil mix.
- Compost used for planting our trees, 1200 trees @.25 cyds to amend = 300 cyds.
- Using the above numbers: 900 cyds topdress
  1800 cyds to backfill holes
  300 cyds for off-site tree pits
  150 cyds for our container growing

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- Total compost needed, (based upon calculations), 3150 cyds of finished product.
- Since finished product is created in a process with 50% shrinkage, then 6300 cyds of imported material is needed. Hence to translate into tons, (which is still a mystery to me), we need 3150 tons of feedstock each year to be sustainable.
- Feedstock Storage: 12,000 sqft.
- Windrows/Active Composting: 22,500 sqft.
- Inventory : 5,000 sqft., (may need additional).
- Abandoned in 2012: 21,000 sqft., (location).
- Total dedicated to composting: 60,500 sqft.